

## § 603.560

When valuing services and property donated by parties other than the participants, the contracting officer may use as guidance the provisions of 10 CFR 600.313(b)(2) through (b)(5).

### FIXED-SUPPORT OR EXPENDITURE-BASED APPROACH

#### § 603.560 Estimate of project expenditures.

(a) To use a fixed-support TIA, rather than an expenditure-based TIA, the contracting officer must have confidence in the estimate of the expenditures required to achieve well-defined outcomes. Therefore, the contracting officer must work carefully with program officials to select outcomes that, when the recipient achieves them, are reliable indicators of the amount of effort the recipient expended. However, the estimate of the required expenditures need not be a precise dollar amount, as illustrated by the example in paragraph (b) of this section, if:

(1) The recipient is contributing a substantial share of the costs of achieving the outcomes, which must meet the criteria in § 603.305(a); and

(2) The contracting officer is confident that the costs of achieving the outcomes will be at least a minimum amount that can be specified and the recipient is willing to accept the possibility that its cost sharing percentage ultimately will be higher if the costs exceed that minimum amount.

(b) To illustrate the approach, consider a project for which the contracting officer is confident that the recipient will have to expend at least \$800,000 to achieve the specified outcomes. The contracting officer must determine, in conjunction with program officials, the minimum level of recipient cost sharing required to demonstrate the recipient's commitment to the success of the project. For purposes of this illustration, let that minimum recipient cost sharing be 60% of the total project costs. In that case, the Federal share should be no more than 40% and the contracting officer could set a fixed level of Federal support at \$320,000 (40% of \$800,000). With that fixed level of Federal support, the recipient would be responsible for the

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balance of the costs needed to complete the project.

(c) Note, however, that the level of recipient cost sharing negotiated should be based solely on the level needed to demonstrate the recipient's commitment. The contracting officer may not use a shortage of Federal Government funding for the program as a reason to try to persuade a recipient to accept a fixed-support TIA, rather than an expenditure-based instrument, or to accept responsibility for a greater share of the total project costs than it otherwise is willing to offer. If there is insufficient funding to provide an appropriate Federal Government share for the entire project, the contracting officer should re-scope the effort covered by the agreement to match the available funding.

#### § 603.565 Use of a hybrid instrument.

For a RD&D project that is to be carried out by a number of participants, the contracting officer may award a TIA that provides for some participants to perform under fixed-support arrangements and others to perform under expenditure-based arrangements. This approach may be useful, for example, if a commercial firm that is a participant will not accept an agreement with all of the post-award requirements of an expenditure-based award. Before using a fixed-support arrangement for that firm's portion of the project, the agreement must meet the criteria in § 603.305.

### ACCOUNTING, PAYMENTS, AND RECOVERY OF FUNDS

#### § 603.570 Determining milestone payment amounts.

(a) If the contracting officer selects the milestone payment method (see § 603.805), the contracting officer must assess the reasonableness of the estimated amount for reaching each milestone. This assessment enables the contracting officer to set the amount of each milestone payment to approximate the Federal share of the anticipated resource needs for carrying out that phase of the RD&D effort.

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(b) The Federal share at each milestone need not be the same as the Federal share of the total project. For example, the contracting officer might deliberately set payment amounts with a larger Federal share for early milestones if a project involves a start-up company with limited resources.

(c) For an expenditure-based TIA, if the contracting officer establishes minimum cost sharing percentages for each milestone, those percentages should be indicated in the agreement.

(d) For a fixed-support TIA, the milestone payments should be associated with the well-defined, observable, and verifiable technical outcomes (e.g., demonstrations, tests, or data analysis) that are established for the project in accordance with §§ 603.305(a) and 603.560(a).

### § 603.575 Repayment of Federal cost share.

In accordance with the Energy Policy Act of 2005 (Pub. L. 109-58), section 988(e), the contracting officer may not require repayment of the Federal share of a cost-shared TIA as a condition of making an award, unless otherwise authorized by statute.

## Subpart F—Award Terms Affecting Participants' Financial, Property, and Purchasing Systems

### § 603.600 Administrative matters.

This subpart addresses “systemic” administrative matters that place requirements on the operation of a participant's financial management, property management, or purchasing system. Each participant's systems are organization-wide and do not vary with each agreement. Therefore, a TIA should address systemic requirements in a uniform way for each type of participant organization.

### § 603.605 General policy.

The general policy for an expenditure-based TIA is to avoid requirements that would force participants to use different financial management, property management, and purchasing systems than they currently use for:

(a) Expenditure-based Federal procurement contracts and assistance

awards in general, if they receive them; or

(b) Commercial business, if they have no expenditure-based Federal procurement contracts and assistance awards.

### § 603.610 Flow down requirements.

If it is an expenditure-based award, the TIA must require participants to provide the same financial management, property management, and purchasing systems requirements to a subrecipient that would apply if the subrecipient were a participant. For example, a for-profit participant would require a university subrecipient to comply with the requirements that apply to a university participant. Note that this policy applies to subawards for substantive performance of portions of the RD&D project supported by the TIA and not to participants' purchases of goods or services needed to carry out the RD&D.

## FINANCIAL MATTERS

### § 603.615 Financial management standards for-profit firms.

(a) To avoid causing needless changes in participants' financial management systems, an expenditure-based TIA will make for-profit participants that currently perform under other expenditure-based Federal procurement contracts or assistance awards subject to the same standards for financial management systems that apply to those other awards. Therefore, if a for-profit participant has expenditure-based DOE assistance awards other than a TIA, the TIA must apply the standards in 10 CFR 600.311. The contracting officer may grant an exception and allow a for-profit participant that has other expenditure-based Federal Government awards to use an alternative set of standards that meets the minimum criteria in paragraph (b) of this section, if there is a compelling programmatic or business reason to do so. For each case in which an exception is granted, the contracting officer must document the reason in the award file.

(b) For an expenditure-based TIA, the contracting officer is to allow and encourage each for-profit participant that does not currently perform under